MEMO Number TSR07
DATE: 2023-04-17
TO: Dr. LaBerge
FROM: UHDRTZ
SUBJECT: Progress report for March-April 2023

1   INTRODUCTION

This memo provides the progress report required by Capstone. This report covers March 12 to April 17.

2   COMPLETED WORK

We have refreshed the backend once again. This time we have changed our masking system to no longer use a conventional mask. We now display our video feed on a disk. This allows for a faster system in general, and should allow for an easier time implementing effects box systems.

We have met with our customer once again, and discussed what we have done and what is yet to be done. We have notified him of us dropping the haptic feedback requirement due to it being out of our scope of knowledge. He may look into contracting out that requirement.

3   WORK EXPECTED DURING NEXT PERIOD

Objectives that we aim to complete within the next period are as follows:

Update the GUI to include presets for the location and size of the displayed image. This will allow for an easier time manipulating the image itself to better fit in a multitude of locations.

Implement effects box systems.

We will continue to work on the system setup guide to allow for non-technical people to easily setup the system without the aid of a tech savvy individual.

Lastly, we will be working on speeding up the process as a whole and cleaning up any remaining small requirements.

4   ISSUES FROM PREVIOUS REPORTS

There was a noticeable slowdown running at 24 FPS, (the necessary framerate for the art to animate correctly). We have fixed this issue since then. We can now properly display the artwork.